

What is the difference between the Power and Autotouch presses?

The Atlas Power 8T (P/N GS25400), Power 15T (P/N GS25430) and Power 25T (P/N GS25420) presses offer a load range capability of 1 to 8 tons, 2 to 15 tons and 3 to 25 tons respectively. A load to apply is selected by inputting the tonnage value onto the controller unit and then applied by pressing of a start button. The load is held for an indefinite time period and is released by pressing a release button.

The Atlas Autotouch 8T (P/N GS25800) , Auto 15T (P/N GS25810), Auto 25T (P/N GS25820) and Auto 40T (P/N GS25830) presses offer a load range capability of 1 to 8 tons, 2 to 15 tons, 3 to 25 tons and 4 to 40 tons respectively. Similarly, a load to apply is selected by inputting the tonnage value onto the controller unit and then applied by pressing of a start button. The load being applied can be released by pressing of a release button, but the Auto presses have additional programmable function capability whereby a load to apply can be held and determined for its time period and also released at varying load steps.

For example a program sequence can be created to apply a load to a sample in the following steps.

- Step 1) Apply a load of 5 tons.
- Step 2) Hold this 5 ton load for 5 minutes.
- Step 3) Apply a load of 10 tons.
- Step 4) Hold this 10 load for 5 minutes.
- Step 5) Release the load slowly to 5 tons.
- Step 6) Hold this 5 ton load for 5 minutes.
- Step 7) Release the load quickly to 0 tons.

The overall time for this program to complete is 15 minutes. By programming the functions the Autotouch press can carry out this particular pressing regime unattended once the start button has been

pushed. The release button on the Autotouch presses can be pressed at any time in the program sequence to abort the program if required, but the combination of the start and release buttons on the Autotouch presses means that replication of the start/stop (load/unload) capability (as offered by the Power

presses) can also be carried out for "more simple" and un-programmed pressing regimes.

Another feature offered by the Autotouch presses over the Power presses is an "Auto Top Up Of Load" function. This function can be incorporated into a programmed load sequence and if the Autotouch press registers a drop in the load reading for the time that the load is being held, it will automatically top up to the load that has been requested for setting.

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